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Approved For Release 2004/07/29 : CIA-RDP78T04743A000300060050-1

NPIC ✓
M/EB 376/63
9 September 1963
Copy 3

MEMORANDUM FOR: Chief, Defensive Systems Division, OSI

25X1

ATTENTION:

CGS-1394-63

FROM: Chief, CIA/PID (NPIC)

SUBJECT: Prints and Diagram of MOONCONE Radar Installation, Linfen, China

REFERENCES: (a) Requirement C-SI-3-80,492
(b) CIA/PID Project C 1158-63

1. This memorandum is in response to your requirement dated 22 August 1963 requesting a 7x print of the MOONCONE radar installation at Linfen, China, and a scale line drawing by photo interpretation of the radar antenna configuration.

2. Attached herewith find the requested graphics material. Since the scale of the photography is so small, the configuration by photo interpretation is only approximate and other variations are possible. The mensural data on the antenna was obtained by TID/NPIC.

The radar consists of an antenna supported by a vertical mast 12 m (40 feet) high and a horizontal boom 15 m (50 feet) long attached to the mast at a point 3 m (10 feet) above the ground. The antenna is shaped like a "Xmas tree" and is mounted on an SCR-270 type trailer with outriggers.

Probable radiation characteristics:

RF: 147-154 Mc/s

PRF: 190-210 pps.

PW: 6.0-15.0 microseconds

HBW: Approximately 12 degrees

Scan: Manual 15-70 seconds/revolution

25X1 3. The photo analyst on this project is who may be contacted on extension should you have any questions concerning this project.

4. This project is considered to be complete.

Enclosures:

- 1 - Two (2) 7x prints
(CIA/PID/MEB-P-123/63 and P-124/63)
- 2 - One (1) line drawing
(CIA/PID/MEB-P-125/63)

Declass Review by NGA

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